

PROJECT DESCRIPTION

I. GENERAL

This project involves the modification of an existing Traffic Control Signal at the intersection of US 50 and Keyser Point Drive in Worcester County. US 50 is assumed to run an east-west direction.

II. INTERSECTION OPERATION

- The intersection is to operate in a NEMA six-phase, fully-actuated mode, with the US 50 approaches continuing to run concurrently. Exclusive left turn phases shall now be provided for both approaches of US 50. The Keyser Point Road approaches shall now run as a minor street split phase.
- The existing full-traffic-actuated, eight-phase controller with all necessary equipment housed in a NEMA size "6" base-mounted cabinet shall be utilized at this intersection.

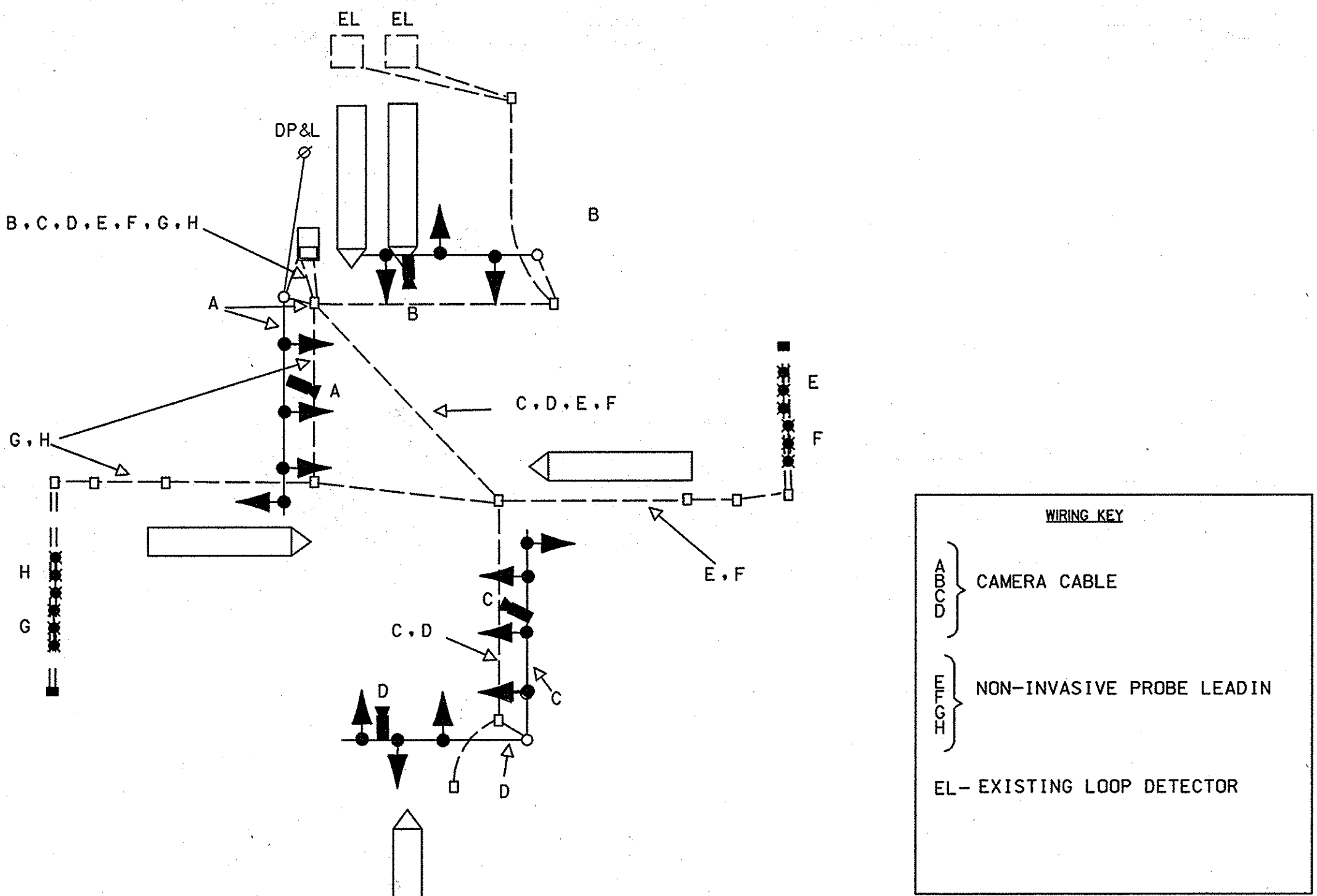
III. SPECIAL NOTES

- All underground and overhead utilities shown on these plans are schematic only and may not be complete. The Contractor shall be responsible for notifying Miss Utility prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal will occur, the Contractor shall notify the Project Engineer immediately so that the conflict may be resolved.

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
PHASE 1 & 5														
CHANGES TO PHASES 1 & 6, 2 & 5 OR 2 & 6														
PHASE 1 & 6														
1 & 6 CHANGE														
PHASE 2 & 5														
2 & 5 CHANGE														
PHASE 2 & 6														
2 & 6 CHANGE														
PHASE 3														
3 CHANGE														
PHASE 4														
4 CHANGE ALT														
FLASHING OPERATION	FL/AR	FL/AR	FL/Y	FL/Y	FL/AR	FL/AR	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R

WIRING DIAGRAM



EQUIPMENT LIST

A. EQUIPMENT TO BE FURNISHED BY THE S.H.A.

ITEM No. DESCRIPTION QUANTITY

B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR

ITEM No.	DESCRIPTION	QUANTITY
1001	Maintenance of traffic per assignment.	1 EA
8001	Furnish and install 12" vehicular LED traffic signal head section.	40 EA
8004	Furnish and install 8" vehicular LED traffic signal head section	6 EA
8014	Remove & Dispose of equipment	1 EA
8018	Furnish and install up to 4" schedule 80 pvc conduit	110 L.F.
8030	Furnish and install electrical handhole	2 EA
8033	Furnish and install video detection camera and cable	4 EA
NEG	Furnish and install non-invasive probe set and 1000' leadin	4 EA
NEG	Furnish and install saw cut	130 L.F.

C. EQUIPMENT TO BE REMOVED

Any removed materials are to become property of the contractor.

SHA		STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION		
US 50 AND KEYSER POINT ROAD				
SCALE NONE ADVERTISED DATE 10-11-2008 CONTRACT NO. _____				
DESIGNED BY F ANUSZEWSKI		COUNTY WORCESTER		
DRAWN BY _____		LOGMILE 23005012.58		
CHECKED BY _____		TIMS NO. J145		
F.A.P. NO. _____		TOD NO. _____		
TS NO. 2560C	DRAWING	OF	SHEET NO. 2	OF 2